PE NUMBER: 0708611F

PE TITLE: Support Systems Development

	Exhib	it R-2, RDT	&E Budge	t Item Just	ification			DATE	February	2004
	OGET ACTIVITY Operational System Development PE NUMBER AND TITLE 0708611F Support Systems Development									
	Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
	Total Program Element (PE) Cost	50.035	72.843	50.238	48.647	49.419	50.210	50.984	Continuing	TBD
3318	Product Data Systems Modernization (PDSM)	4.311	7.731	5.523	3.387	3.375	3.429	3.481	Continuing	TBD
4654	Integrated Maintenance Data System (IMDS)	16.999	45.546	24.586	24.940	25.349	25.754	26.152	Continuing	TBD
4926	Reengineering and Enabling Technologies	7.110	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
5042	Log Application Logisitics Integration (LALI)	9.544	7.074	7.116	7.184	7.318	7.435	7.550	Continuing	TBD
5044	Log Application ILS-S (LAILS-S)	12.071	12.492	13.013	13.136	13.377	13.592	13.801	Continuing	TBD

In FY 2003, Congress added \$7.7 Million RDT&E funds to SSD (in the IMDS project 4654) for Center for Aircraft Support/System Infrastructure (CASI) (\$3.0 million), Aging Aircraft Data Environment for C-5 and C-17 (\$1.5 million), Commodity Management Systems Consolidation (CMSC) (\$1.7 million), and Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsion (\$1.5 million). The Air Force has provided these amounts to the correct program offices for execution.

In FY 2004, Congress added \$19.8 Million RDT&E funds to SSD (in the IMDS project 4654) for Center for Aircraft Support/System Infrastructure (CASI) (\$1.2 million), C-5/C-17 SCME Aging Aircraft (\$3.0 million), Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsions (\$2.5 million), Teleoperated Semiautonomous Robot for Aging Aircraft Maintenance (\$1.5 million), Fuel Cell-Based Common Core Power Production (\$4.0 million), Performance Based Logistics/Maintenance Steering Group 3 (\$1.2 million), Special Operations Aircraft Depot Maintenance (\$1.2 million), Heavy Duty Hybrid Electric (\$3.0 million), AF Center of Acquisition Reengineering & Enabling Technologies (\$1.2 million), and Information Assurance for Enabling Technologies (\$1.0 million). The Air Force is working to identify and provide these amounts to the correct program offices for execution.

In FY2003, the cost estimates for PDSM were adjusted to \$4.311 million. The delta of \$7.809 million is a result of incorrect project code. The adjustment occurred after official database lock and has been approved as of Jan 04.

In FY2003, the cost estimates for IMDS were adjusted to \$16.999 million. The delta of \$1.794 million is a result of reprogramming. The adjustment occurred after official database lock and has been approved as of Jan 04.

In FY2003, the cost estimates for RET were adjusted to \$7.110 million. The delta of \$7.110 million is a result of reprogramming. The adjustment occurred after official database lock and has been approved as of Jan 04.

In FY2003, the cost estimates for LALI were adjusted to \$9.544 million. The delta of \$2.411 million is a result of reprogramming. The adjustment occurred after official database lock and has been approved as of Jan 04.

In FY2003, the cost estimates for LAILS-S were adjusted to \$12.071 million. The delta of \$0.082 million is a result of reprogramming. The adjustment occurred after official database lock and has been approved as of Jan 04.

#### A. Mission Description and Budget Item Justification

R-1 Shopping List - Item No. 221-2 of 221-27

Exhibit R-2 (PE 0708611F)

## Exhibit R-2, RDT&E Budget Item Justification PE NUMBER AND TITLE 107 Operational System Development PE NUMBER AND TITLE 10708611F Support Systems Development

This program element supports five separate programs. PDSM (project 3318) updates Air Force digital data standards to commercial industry standards supporting the Joint Computer-Aided Acquisition Logistic Support (JCALS) System which is being phased out of the inventory and supported by the modernization program Enhanced Technical Information Management System (ETIMS). IMDS (project 4654) develops and fields an Air Force standard maintenance information system to integrate information systems supporting Air Force maintenance activities into a single open architecture, modern decision support system that is compatible with the Global Combat Support System - Air Force (GCSS-AF) architecture. This enhanced decision support system will increase operational production capability and support system efficiency, while decreasing mobility infrastructure requirements and cost of operations. Reengineering and Enabling Technologies (RET) (project 4926) provides for continuing analytical research and studies in reengineering and enabling technologies. LAILS-S, (project 5044), will modernize the existing legacy Standard Base Supply System (SBSS). LALI, (project 5042), is the effort to migrate existing Installations and Logistics (IL) legacy systems to the common GCSS-AF Integration Framework (IF)

.

This program is a Budget Activity 7, Operational System Development, because projects are being engineered to support already operational weapon systems.

#### (U) B. Program Change Summary (\$ in Millions)

		<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
(U)	Previous President's Budget	35.813	54.034	50.369
(U)	Current PBR/President's Budget	50.035	72.843	50.238
(U)	Total Adjustments	14.222	18.809	
(U)	Congressional Program Reductions	-0.751	-0.364	
	Congressional Rescissions		-0.627	
	Congressional Increases	7.700	19.800	
	Reprogrammings	7.273		
	SBIR/STTR Transfer			

#### U) Significant Program Changes:

In FY 2004, Congress added \$19.8 million RDT&E funds to Support System Development (SSD) for new activities not related to SSD programmed projects.

R-1 Shopping List - Item No. 221-3 of 221-27

	Exh	DATE	February 2004							
BUDGET ACTIVITY 07 Operational System Development					PE NUMBER AND TITLE 0708611F Support Systems Development			PROJECT NUME 3318 Produc Modernizatio	าร	
	Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
3318	Product Data Systems Modernization (PDSM)	4.311	7.731	5.523		3.375	3.429		Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0		

#### (U) A. Mission Description and Budget Item Justification

This project implements the Air Force Technical Order (TO) Functionality and the final phase out of the Joint Computer-Aided Acquisition Logistic Support (JCALS) system that is supported by the modernization program Enhanced Technical Information Management System (ETIMS). The Automated Civil Engineering System (ACES) is the modernization of the Interim Work Information Management System (IWIMS) legacy system that supports Civil Engineering Management Information System (CEMIS) requirements.

This program is in Budget Activity 7, Operational System Development, because projects are being engineered to support operational weapon systems already in existence.

(U) B. Accomplishments/Planned Program (\$ in Millions)	FY 2003	FY 2004	FY 2005
(U) Accomplishments/Planned Program	0.000	0.000	
(U) Manage AF technical data activities	0.499	0.653	0.497
(U) Automated Civil Engineer Systems (ACES)	0.453	0.485	0.015
(U) Technical Order (TO) Architecture Integration	0.000	0.313	0.290
(U) Continue Integrator/Developer	3.359	5.179	4.021
(U) Integration with Technical Management systems/Integration/Migration	0.000	0.814	0.400
(U) Support and Sustain Technical Data Integration Lab	0.000	0.287	0.300
(U) Total Cost	4.311	7.731	5.523
(U) C. Other Program Funding Summary (\$ in Millions)			
<u>FY 2003</u> <u>FY 2004</u> <u>FY 2005</u> <u>FY 2006</u> <u>FY 2007</u> <u>FY 2007</u>	<u>Y 2008</u> <u>FY 2009</u>	Cost to	Total Cost
		G 1.	10tai Cost

Estimate

**Estimate** 

Estimate

Estimate

**Estimate** 

#### (U) Not Applicable

#### (U) <u>D. Acquisition Strategy</u>

All major contracts awarded after full and open competition.

Project 3318 R-1 Shopping List - Item No. 221-4 of 221-27

Estimate

Actual

Exhibit R-2a (PE 0708611F)

Complete

Ex	hibit R-3, RD	T&E Project Cost	Analysis	<u> </u>			ATE <b>Fabruse</b>		.4
BUDGET ACTIVITY  07 Operational System Development	,	.,	PE NUMBE	R AND TITLE  Support System	ems	3318 Pro	February 2004 ROJECT NUMBER AND TITLE 318 Product Data Systems lodernization (PDSM)		
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)  (U) Product Development Software Factory (ACES)	Contract Method & Type  MIPR	Performing Activity & Location  SSG/BICE, Maxwell	Total Prior to FY 2003 Cost	FY FY 2003 2003 Cost Award Date	FY         FY           2004         2004           Cost         Award           Date	2005 2 Cost Av	FY Cost to 2005 Complete vard Date	Total Cost	Target Value of Contract
Software Pactory (ACES)		AFB- Gunter Annex, AL	1.396	0.453 Oct-02	0.485 Oct-03	0.015 Oct	t-04 Continuing	TBD	TBD
Subtotal Product Development Remarks: (U) <u>Support</u>			1.396	0.453	0.485	0.015	Continuing	TBD	TBD
LOGTEC/MTC		MSG/MM, Wright Patterson AFB, OH	13.700	2.216 Jan-03	1.050 Jan-04	1.087 Jan	-05 Continuing	TBD	TBD
Intergraph	C, FP	MSG/MM, Wright Patterson AFB, OH		1.639 May-03	5.688 Aug-04	3.663 Aug	g-05 Continuing	TBD	TBD
Subtotal Support Remarks: (U) Management			13.700	3.855	6.738	4.750	Continuing	TBD	TBD
System Program Office (SPO) Operations	MIPR	MSG/MM, Wright Patterson AFB, OH	0.736	0.003 Oct-03	0.508 Oct-04	0.758 Oct	t-05 Continuing	TBD	TBD
Subtotal Management Remarks:			0.736	0.003	0.508	0.758	Continuing	TBD	TBD
(U) Total Cost			15.832	4.311	7.731	5.523	Continuing	TBD	TBD

R-1 Shopping List - Item No. 221-5 of 221-27 2008 Exhibit R-3 (PE 0708611F)

# Exhibit R-4, RDT&E Schedule Profile BUDGET ACTIVITY O7 Operational System Development PE NUMBER AND TITLE O708611F Support Systems Development Overlopment DATE February 2004 PROJECT NUMBER AND TITLE 3318 Product Data Systems Modernization (PDSM)

### Exhibit R-4 BA 07 PEC 78611F BPAC 3318 PDSM

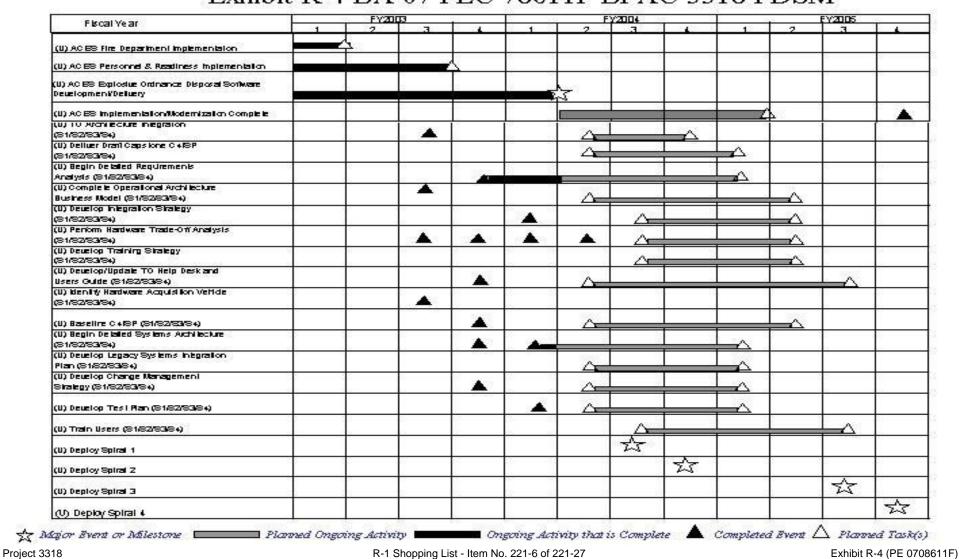


Exhibit R-4a, RDT&I	E Schedule Detail	DATE <b>Febru</b>	ary 2004
BUDGET ACTIVITY  07 Operational System Development	PE NUMBER AND TITLE 0708611F Support Systems Development	PROJECT NUMBER AND T 3318 Product Data Sy Modernization (PDSM	/stems
(U) Schedule Profile	FY 2003	FY 2004	FY 2005
(U) ACES Fire Department Implementation	1Q		
(U) ACES Personnel & Readiness Implementation	1-3Q		
(U) ACES Explosive Ordinance Disposal S/W Development/Delivery	1-4Q	1Q	
(U) ACES Implementation Modernization Complete		2-4Q	1Q
(U) TO Architecture Integration (S1/S2/S3/S4)	3Q	2-4Q	
(U) Deliver Draft Capstone C4ISP (S1/S2/S3/S4)		2-4Q	1Q
(U) Begin Detailed Requirements Analysis (\$1/\$2/\$3/\$4)	3-4Q	3Q	1Q
(U) Complete Operational Architecture Business Model (S1/S2/S3/S4)		2-4Q	2Q
(U) Develop Integration Strategy (S1/S2/S3/S4)		1-4Q	2Q
(U) Perform Hardware Trade-Off Analysis (S1/S2/S3/S4)	3-4Q	1-4Q	1-2Q
(U) Develop Training Strategy (S1/S2/S3/S4)	4Q	3Q	1-2Q
(U) Develop/Update TO Help Desk and Users Guide (S1/S2/S3/S4)		2Q	1-2Q
(U) Identify Hardware Acquisition Vehicle (S1/S2/S3/S4)	3Q		
(U) Baseline C4ISP (S1/S2/S3/S4)		2Q	1-2Q
(U) Begin Detailed Systems Architecture (S1/S2/S3/S4)	4Q	1-3Q	1Q
(U) Develop Legacy Systems Integration Plan (S1/S2/S3/S4)	4Q	2-4Q	
(U) Develop Change Management Strategy (S1/S2/S3/S4)	4Q	2-4Q	1Q
(U) Develop Test Plan (S1/S2/S3/S4)		1-4Q	1Q
(U) Train Users (S1/S2/S3/S4)		3-4Q	2-3Q
(U) Deploy Spiral 1		3Q	
(U) Deploy Spiral 2		4Q	
(U) Deploy Spiral 3			3Q
(U) Deploy Spiral 4			4Q
Note: S1/S2/S3/S4 denotes Spiral 1, Spiral 2, Spiral 3, and Spiral 4			
Project 3318 R-1	Shopping List - Item No. 221-7 of 221-27	Exhibit F	R-4a (PE 0708611F)

	Ext	DATE	DATE February 2004							
	T ACTIVITY erational System Development				PE NUMBER AND TITLE 0708611F Support Systems Development			PROJECT NUMBER AND TITLE 4654 Integrated Maintenance Dat System (IMDS)		
	Cost (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to	Total
	Q 000 (4 000 00000)	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Complete	
4654	Integrated Maintenance Data System (IMDS)	16.999	45.546	24.586	24.940	25.349	25.754	26.152	Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0		

In FY 2003, Project 4654, Integrated Maintenance Data Systems efforts transferred \$10.375 million to PE 0708012F, Logistics Support Activities, in order to provide funding to modernize Project 5054, Core Automated Maintenance Systems (CAMS).

In FY 2003, Congress added an additional \$7.7 million RDT&E funds to Support Systems Development (SSD) (in the IMDS project 4654) for Center for Aircraft System/Support Infrastructure (CASI) (\$3.0 million), Aging Aircraft Data Environment for C-5 and C-17 (\$1.5 million), CMSC (\$1.7 million), and Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsion (\$1.5 million).

In FY 2004, Congress added \$19.8 million RDT&E funds to SSD (in the IMDS project 4654) for Center for Aircraft Support/System Infrastructure (CASI) (\$1.2 million), C-5/C-17 SCME Aging Aircraft (\$3.0 million), Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsions (\$2.5 million), Teleoperated Semiautonomous Robot for Aging Aircraft Maintenance (\$1.5 million), Fuel Cell-Based Common Core Power Production (\$4.0 million), Performance Based Logistics/Maintenance Steering Group 3 (\$1.2 million), Special Operations Aircraft Depot Maintenance (\$1.2 million), Heavy Duty Hybrid Electric (\$3.0 million), AF Center of Acquisition Reengineering & Enabling Technologies (\$1.2 million), and Information Assurance for Enabling Technologies (\$1.0 million). The Air Force is working to identify and provide these amounts to the correct program offices for execution.

#### (U) A. Mission Description and Budget Item Justification

The Integrated Maintenance Data System (IMDS) is an information technology program to provide maintenance personnel with all maintenance information under one system. It will have distributed databases, which will link designated existing legacy systems until their eventual transition to full operation under IMDS, as well as providing an integrated tool for interfacing with certain other legacy systems that will be sustained for the foreseeable future. It will display electronic technical manuals, provide easy-to-use data entry, record maintenance actions, and link all external data sources (maintainer, supervisor, warehouse and supply).

This program is in Budget Activity 7, Operational System Development, because projects are being engineered to support operational weapon systems already in existence.

(U) B. Accomplishments/Planned Program (\$ in N	<u>(Iillions)</u>	FY 2003	FY 2004	FY 2005
(U) Accomplishments/Planned Program		0.000	0.000	0.000
(U) IMDS System		5.763	14.755	12.878
(U) Contractor Support (MITRE, MCR, Titan/SenCo	om, DSD, Sumaria Systems)	2.610	3.784	5.992
(U) System Program Office (SPO) Operations		2.937	5.207	5.716
(U) Low Emission/Efficient Hybrid Aviation Refueli	ng Truck Propulsion	1.422	2.500	
(U) Center for Aircraft System/Support Infrastructure		2.845	1.200	
(U) C-5/C17 SCME Aging Aircraft		1.422	3.000	
(U) Teleoperated Semiautonomous Robot for Aging	Aircraft Maintenance		1.500	
Project 4654	R-1 Shopping List - Item No. 221-8 of 221-27		Exhibit R-2a	(PE 0708611F)

			UNCL	ASSIFIED					
	Exhibit R-	2a, RDT&E	Project Jus	stification			DATE	February	2004
UDGET ACTIVITY 7 Operational System Developmer	nt			PE NUMBER A 0708611F S Developme	upport Syster	PROJECT NUMBER AND TITLE 4654 Integrated Maintenance Date System (IMDS)			
J) Fuel Cell-Based Common Core Pow J) Commodity Management System Co J) Performance Based Logistics/Mainte J) Special Operations Aircraft Depot M J) Heavy Duty Hybrid Electric J) AF Center of Acquisition Reenginee J) Information Assurance for Enabling J) Total Cost	onsolidation enance Steering faintenance ering & Enabling	-					16.999	4.000 2.000 1.200 1.200 3.000 1.200 1.000 45.546	24.586
Other Procurement AF, IMDS	nary (\$ in Million FY 2003 Actual 2.546	ons) FY 2004 Estimate 2.533	FY 2005 <u>Estimate</u> 2.577	FY 2006  Estimate  2.560	FY 2007 <u>Estimate</u> 2.601	FY 2008 Estimate 2.658	FY 2009 <u>Estimate</u> 2.710	Cost to Complete Continuing	Total Cost
(PE 0708611F). Operations & Maintenance AF, IMDS (PE 0708611F)	0.000	1.745	1.714	1.802	1.831	1.885	1.924	Continuing	TBD
J) D. Acquisition Strategy All major contracts awarded after fu	ull and open con	npetition.							

Project 4654

Exhibit R-2a (PE 0708611F)

E	xhibit R-3, RD	T&E Project Cost	Analysis	3			DATE <b>Februa</b> i	ry 200	)4		
BUDGET ACTIVITY 07 Operational System Development			0708611F Support Systems				PROJECT NUMBER AND TITLE 4654 Integrated Maintenance Data System (IMDS)				
(U) Cost Categories	Contract Method	Performing Activity &	<u>Total</u>	<u>FY</u> <u>FY</u>	<u>FY</u> <u>FY</u>	<u>FY</u>	FY Cost to	<u>Total</u>	Target		
(Tailor to WBS, or System/Item Requirements) (\$ in Millions) (U) Product Development	<u>&amp; Type</u>	<u>Location</u>	Prior to FY 2003 Cost	2003 2003 Cost Award Date	2004 2004 Cost Award Date	2005 Cost A	2005 Complete Award Date	Cost	Value of Contract		
Gold - Cots solution		Andersen Consulting, Ft Walton, FL	57.274				0.000	57.274			
IMDS System								0.000			
Software Development		Engineering, SSG, Maxwell AFB-Gunter Annex, AL	2.216	0.057 Oct-02	1.663 Oct-03	0.535	Oct-04 Continuing	TBD	TBD		
GCSS-AF Systems Integration	C/CPAF	LMSI-O, Owego, NY	0.000	0.260 Mar-03	1.643 Nov-03	0.000	Continuing	TBD	TBD		
Gold - Cots solution		TSRI, Montgomery, AL	0.492	0.000	0.000	0.000	0.000	0.492	0.492		
Gold - Cots solution	C/FP	SEI, Montgomery, AL	0.700	0.000	0.000	0.000	0.000	0.700	0.700		
Software Development		General Dynamics, Montgomery, AL	0.000	1.597 Nov-02	2.029 Nov-03	0.000	Continuing	TBD	TBD		
Air Force Knowledge System		MSG, Wright Patterson AFB, OH	0.000	3.000 Oct-02	1.656 Oct-03	1.656	Oct-04 Continuing	TBD	TBD		
Portal		General Dynamics, Montgomery, AL	2.285	0.000	0.000	0.000	0.000	2.285	2.285		
Meta Data Library		MSG, Wright Patterson AFB, OH	0.000	0.450 Oct-02	0.000	0.000	0.000	0.450	0.450		
Software Development		Northrop-Grumman IT, Montgomery, AL	0.000	0.399 Dec-02	3.000 Dec-03	2.972 D	Dec-04 Continuing	TBD	TBD		
		General Dynamics, Montgomery, AL	0.000	0.000	3.300 Jan-04	4.983 J	an-05 Continuing	TBD	TBD		
	C/FP	Lockheed Martin,	0.000	0.000	1.464 Dec-03	2.732 D	Dec-04 Continuing	TBD	TBD		
Low Emission/Efficient Hybrid Aviation Refueling Truck Propulsion		Southwest Research Institute, San Antonio, TX (PRIME) and Mack Truck Inc, Hagerstown,	0.000	1.422 Aug-03	2.500 Aug-04	0.000	Continuing	TBD	TBD		
Project 4654		MD (Sub)  R-1 Shopping List - Ite	em No. 221-10	of 221-27			Exhibit R-	3 (PE 07	'08611F)		

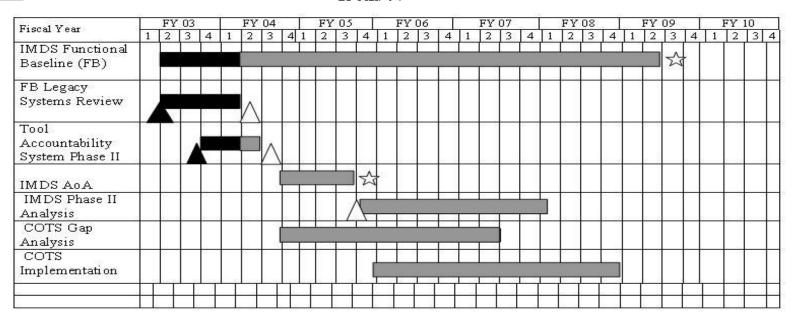
Exhibit R-3, RDT&E Project Cost Analysis  DATE February 2004										
BUDGET ACTIVITY  07 Operational System Development				R AND TITLE  F Support Sys  ment	tems		ECT NUMBER AND TITLE Integrated Maintenance Data em (IMDS)			
Center for Aircraft System/Support Infrastructure	SS/FP	TMI/CACI, OK	2.780	2.845 Sep-03	1.200 Sep-04	0.000	Continuing	TBD	TBD	
C-5/C17 SCME Aging Aircraft	C/FP	Intergraph Corp, Huntsville, AL	0.000	1.422 Jun-03	3.000 Apr-04	0.000	Continuing	TBD	TBD	
Teleoperated Semiautonomous Robot for Aging Aircraft Maintenance	TBD	TBD	0.000	0.000	1.500 May-04	0.000	Continuing	TBD	TBD	
Fuel Cell-Based Common Core Power Production	TBD	TBD	0.000	0.000	4.000 May-04	0.000	Continuing	TBD	TBD	
Commodity Management System Consolidation	TBD	TBD	0.000	0.000	2.000 May-04	0.000	Continuing	TBD	TBD	
Performance Based Logistics/Maintenance Steering Group 3	e TBD	TBD	0.000	0.000	1.200 May-04	0.000	Continuing	TBD	TBD	
Special Operations Aircraft Depot Maintenance	TBD	TBD	0.000	0.000	1.200 May-04	0.000	Continuing	TBD	TBD	
Heavy Duty Hybrid Electric	TBD	TBD	0.000	0.000	3.000 May-04	0.000	Continuing	TBD	TBD	
AF Center of Acquisition Reengineering & Enabling Technologies	&TBD	TBD	0.000	0.000	1.200 May-04	0.000	Continuing	TBD	TBD	
Information Assurance for Enabling Technologies	TBD	TBD	0.000	0.000	1.000 May-04	0.000	Continuing	TBD	TBD	
Subtotal Product Development Remarks: (U) Support			65.747	11.452	36.555	12.878	Continuing	TBD	TBD	
Contractor Support	C/FP	MITRE, MCR, Titan/SenCom, DSD, Sumaria Systems, Montgomery, AL	10.058	2.610 Dec-02	3.784 Dec-03	5.992 Dec-	04 Continuing	TBD	TBD	
Subtotal Support Remarks:			10.058	2.610	3.784	5.992	Continuing	TBD	TBD	
(U) Management										
System Program Office Operations	MIPR	SSG, Maxwell AFB-Gunter Annex, AL	5.818	2.937 Oct-02	5.207 Oct-03	5.716 Oct-0	)4 Continuing	TBD	TBD	
Subtotal Management Remarks:		AL	5.818	2.937	5.207	5.716	Continuing	TBD	TBD	
Project 4654		R-1 Shopping List - It	em No. 221-11	l of 221-27			Exhibit R-	3 (PE 070	8611F)	

Exhibit R-3	RDT&E Project Cost Analysis			DATE February 2004				
BUDGET ACTIVITY  07 Operational System Development	PE NUMBER AND TITLE 0708611F Support S Development	Systems	4654 Inte	CT NUMBER AND TITLE  ntegrated Maintenance Data m (IMDS)				
(U) Total Cost	81.623 16.999	45.546	24.586	Continuing	TBD	TBD		
						·		
Project 4654	R-1 Shopping List - Item No. 221-12 of 221-27			Exhibit R-3	3 (PE 0708	8611F)		

# Exhibit R-4, RDT&E Schedule Profile BUDGET ACTIVITY O7 Operational System Development PE NUMBER AND TITLE O708611F Support Systems Development O708611F Support Systems Development DATE February 2004 PROJECT NUMBER AND TITLE 4654 Integrated Maintenance Data System (IMDS)

### Exhibit R-4: IMDS Schedule Profile

23 Jan. 04



Major Event or Milestone

Planned Ongoing Activity

Ongoing Activity that is Complete

Completed Event

Planned Task(s)

Project 4654

R-1 Shopping List - Item No. 221-13 of 221-27

Exhibit R-4 (PE 0708611F)

Exhibit R-4a, R	RDT&E Schedule Detail	DATE <b>Febru</b>	DATE February 2004		
BUDGET ACTIVITY 07 Operational System Development	pe NUMBER AND TITLE  0708611F Support Systems  Development				
(U) Schedule Profile (U) IMDS Functional Baseline (FB) (U) FB Legacy Systems Review	<u>FY 2003</u> 2Q 2-4Q	<u>FY 2004</u> 1-4Q	<u>FY 2005</u> 1-4Q		
<ul> <li>(U) Tool Accountability System Phase II</li> <li>(U) IMDS Alternative of Analysis (AoA)</li> <li>(U) IMDS Phase II Analysis</li> </ul>	4Q	3Q 4Q	3Q 4Q		
U) COTS Gap Analysis		4Q	1-4Q		

Exhibit R-4a (PE 0708611F)

	Ex	hibit R-2a, F	RDT&E Pro	ject Justii	fication			DATE	February	2004
	T ACTIVITY erational System Development						neering and I	Enabling		
	Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
4926	Reengineering and Enabling Technologies	7.110	0.000	0.000		0.000	0.000		Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0		

#### (U) A. Mission Description and Budget Item Justification

This program provides for continuing analytical research and studies in reengineering and enabling technologies. It provides quick response assistance for senior Air Force officials and others in the Business Process Reengineering (BPR) and change management arenas. Using reengineering processes and enabling technologies, existing processes and their associated activities can be analyzed to identify work that is value added, non-value added, and wasted. It will assist senior leaders with removing duplication of effort, unnecessary product generation delays and non-productive activities and provide significant improvements in product quality.

The Air Force acquisition community is pursuing excellence through business process redesign and the associated enabling technologies. This program provides for developing a center of excellence in BPR and for mentoring Headquarters Air Force (HAF) leaders in the proper application of BPR principles for their initiatives. It will maintain information on the state of the art in BPR paradigms and tailor their application for the HAF and SAF/AQ environment. It will also capture lessons learned and other feedback from BPR applications for change management and process improvement strategies.

This program is in Budget Activity 7, Operational System Development, because projects are being engineered to support operational weapon systems already in existence.

(U) B. Accomplishments/Planned Program (\$ in Millions)				FY	<u>Y 2003</u>	FY 2004	FY 2005
(U) Accomplishments/Planned Program							
(U) Acquisition Reengineering Studies					5.860	0.000	0.000
(U) Scientist and Engineers Transformation Initiative					1.250	0.000	0.000
(U) Total Cost					7.110	0.000	0.000
(U) C. Other Program Funding Summary (\$ in Millions)							
<u>FY 2003</u> <u>FY 20</u>	04 FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to	Total Cost
<u>Actual</u> <u>Estim</u>	ate <u>Estimate</u>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<u>Complete</u>	Total Cost

#### (U) D. Acquisition Strategy

(U) Not Applicable

All major contracts awarded after full and open competition.

Project 4926 R-1 Shopping List - Item No. 221-15 of 221-27

Exhibit R-2a (PE 0708611F)

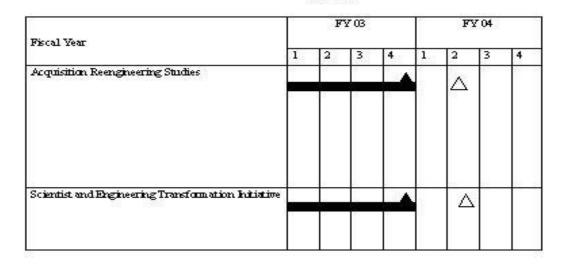
Ex	chibit R-3, RD	T&E Project Cost	Analysis	;					DATE	Februar	y 200	4
BUDGET ACTIVITY  07 Operational System Development						PROJECT NUMBER AND TITLE 4926 Reengineering and Enabling Technologies						
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)  (U) Product Development	Contract Method & Type		Total Prior to FY 2003 Cost	<u>FY</u> 2003 <u>Cost</u>	FY 2003 Award Date	<u>FY</u> 2004 <u>Cost</u>	FY 2004 Award Date	<u>FY</u> 2005 <u>Cost</u>	FY 2005 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Acquisition Reengineering Studies Scientist and Engineers Transformation Initiative Subtotal Product Development Remarks:  (U) Total Cost	C/GSA C/GSA	CLR, Arlington, VA Various	0.000 0.000 0.000		Apr-03 Apr-03	0.000 0.000 0.000		0.000 0.000 0.000	(	Continuing Continuing Continuing Continuing	TBD TBD TBD	TBD TBD TBD TBD

Project 4926 R-1 Shopping List - Item No. 221-16 of 221-27

Exhibit R-3 (PE 0708611F)

Exhibit R-4, RD	C&E Schedule Profile	DATE February 2004
BUDGET ACTIVITY  07 Operational System Development	PE NUMBER AND TITLE 0708611F Support Systems Development	T NUMBER AND TITLE Bengineering and Enabling Blogies

## Exhibit R-4:Reengineering and Enabling Technologies Schedule Profile





UNCLASSIFIED									
E Schedule Detail		DATE February 2004							
PE NUMBER AND TITLE 0708611F Support Systems Development	PROJECT NUMBER AND 4926 Reengineering Technologies	TITLE							
FY 2003 1-4Q	FY 2004 2Q	FY 2005							
1-4Q	2Q								
	PE NUMBER AND TITLE 0708611F Support Systems Development  FY 2003 1-4Q	PE NUMBER AND TITLE 0708611F Support Systems Development  PROJECT NUMBER AND 4926 Reengineering Technologies  FY 2003 1-4Q 2Q							

Exhibit R-4a (PE 0708611F)

	Exh	ibit R-2a, I	RDT&E Pro	ject Justi	fication			DATE	February	2004
	T ACTIVITY erational System Development			PE NUMBER AND TITLE  0708611F Support Systems Development  PROJECT NUMBER AND TITLE  5042 Log Application Logisitics Integration (LALI)				isitics		
	Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
5042	Log Application Logisitics Integration (LALI)	9.544	7.074	7.116	7.184	7.318	7.435	7.550	Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

Log Application Logistics Integration is the effort to migrate existing Installations and Logistics (IL) legacy systems to the common GCSS-AF Integration Framework. The target is a suite of software components that are continuously updated or refined to embrace emerging best practices and commercial information technology innovations. The strategic plan is the creation of a logistics enterprise system using common software and hardware products requiring a smaller number of interfacing transactions.

This program is in Budget Activity 7, Operational System Development, because projects are being engineered to support operational weapons systems already in existence.

(U) B. Accomplishments/Planned Program (\$ in Millions)	FY 2003	FY 2004	FY 2005
(U) Accomplishments/Planned Program	0.000	0.000	0.000
(U) Program Management Office (PMO) Support	1.629	1.859	1.805
(U) PMO Task	0.336	0.346	0.357
(U) Base Support	0.334	0.544	0.540
(U) Support Contractors	4.430	4.198	4.288
(U) Integration Task Contracts	2.815	0.127	0.126
(U) Total Cost	9.544	7.074	7.116
(U) C. Other Program Funding Summary (\$ in Millions)			

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to	Total Cost
<u>Actual</u>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Estimate</b>	<b>Complete</b>	Total Cost

(U) Not Applicable

#### D. Acquisition Strategy

All major contracts awarded after full and open competition.

Project 5042 R-1 Shopping List - Item No. 221-19 of 221-27

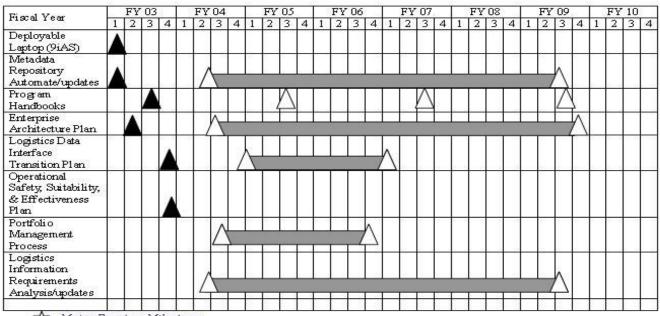
E	xhibit R-3, RD	T&E Project Cost	Analysis	5			DATE <b>Februa</b> i	ry 200	)4
BUDGET ACTIVITY 07 Operational System Development				R AND TITLE  F Support Syst  ment	PROJECT NUMBER AND TITLE 5042 Log Application Logisi Integration (LALI)			tics	
(U) Cost Categories	Contract Method	Performing Activity &	<u>Total</u>	<u>FY</u> <u>FY</u>	FY FY	<u>FY</u>	FY Cost to	<u>Total</u>	<u>Target</u>
(Tailor to WBS, or System/Item Requirements) (\$ in Millions) (U) Product Development	<u>&amp; Type</u>	Location	Prior to FY 2003 Cost	2003 2003 Cost Award Date	2004 2004 Cost Award Date	2005 Cost A	2005 Complete Award Date	Cost	Value of Contract
Support Contractor (Portfolio Management, Architecture, & Data Management)	C/FP	Greentree, Wright Patterson AFB, OH	0.000	0.629 Feb-03	0.600 Feb-04	0.620 F	Feb-05 Continuing	TBD	TBD
Support Contractor (Data Management, Enterprise Architecture, & System Modernization support)	C/FP	Oracle, Maxwell AFB-Gunter Annex, AL	0.000	0.923 Feb-03	1.042 Feb-04	1.048 F	Feb-05 Continuing	TBD	TBD
Engineering Support	C/FP	MITRE Maxwell AFB-Gunter Annex, AL	0.000	0.573 Mar-03	0.000	0.000	0.000	0.573	0.573
Portal/Systems Engineering Support (Integration Task)	C/FP	Various, Maxwell AFB-Gunter Annex, AL	0.000	0.076 Oct-02	0.082 Oct-03	0.083	Oct-04 Continuing	TBD	TBD
Portal/Systems Engineering Support (Integration Task)	MIPR	Engineering, SSG, Maxwell AFB-Gunter Annex, AL	0.000	0.039 Oct-02	0.045 Oct-03	0.043	Oct-04 Continuing	TBD	TBD
Logistics Integration (Integration Task)	C/CPAF	Lockheed Martin Mission Systems, Owego, NY	0.000	2.700 Aug-03	0.000	0.000	Continuing	TBD	TBD
PMO Tasks	MIPR	SSG, Maxwell AFB-Gunter Annex, AL	0.000	0.336 Oct-02	0.346 Oct-03	0.357	Oct-04 Continuing	TBD	TBD
Subtotal Product Development Remarks: (U) Support			0.000	5.276	2.115	2.151	Continuing	TBD	TBD
Support Contractor	C/FP	DSD, Maxwell AFB-Gunter Annex, AL	0.000	0.868 Feb-03	1.641 Feb-04	1.691 F	Feb-05 Continuing	TBD	TBD
Support Contractor		MITRE, Maxwell AFB,	0.000	0.573 Oct-02	0.000	0.000	0.000	0.573	0.573
Project 5042		R-1 Shopping List - It	em No. 221-20	of 221-27			Exhibit R-	3 (PE 07	'08611F)

E	xhibit R-3	, RDT&E Project Cost	Analysis	3		DAT	E Februaı	y 2004	ļ
BUDGET ACTIVITY  07 Operational System Development			0708611F Support Systems			PROJECT NUMBER AND TITLE 5042 Log Application Logisitics Integration (LALI)			
		Gunter Annex, AL	<b>_</b>			•			
Subtotal Support Remarks:			0.000	1.441	1.641	1.691	Continuing	TBD	TBD
(U) Test & Evaluation	1 (100	000 34 11							
PMO Support	MIPR	SSG, Maxwell AFB-Gunter Annex, AL	0.000	0.179 Oct-02	0.387 Oct-03	0.366 Oct-04	4 Continuing	TBD	TBD
Support Contractor	C/FP	MITRE, Maxwell AFB-Gunter Annex,	0.000	0.573 Sep-03	0.000	0.000	0.000	0.573	0.573
Support Contractor	C/FP	AL Optimization Technology INC, Maxwell AFB-Gunter Annex, AL	0.000	0.291 Feb-03	0.915 Feb-04	0.929 Feb-05	5 Continuing	TBD	TBD
Subtotal Test & Evaluation Remarks:			0.000	1.043	1.302	1.295	Continuing	TBD	TBD
(U) Management PMO Support (System Program Office management and operations)	MIPR	SSG, Maxwell AFB-Gunter Annex, AL	0.000	1.450 Oct-02	1.472 Oct-03	1.439 Oct-04	4 Continuing	TBD	TBD
Base Support	MIPR	SSG, Maxwell AFB-Gunter Annex, AL	0.000	0.334 Oct-02	0.544 Oct-30	0.540 Oct-04	4 Continuing	TBD	TBD
Subtotal Management Remarks:		AL	0.000	1.784	2.016	1.979	Continuing	TBD	TBD
(U) Total Cost			0.000	9.544	7.074	7.116	Continuing	TBD	TBD
Project 5042		R-1 Shopping List - It	em No. 221-21	of 221-27			Exhibit R-	3 (PE 070	8611F)

# Exhibit R-4, RDT&E Schedule Profile BUDGET ACTIVITY O7 Operational System Development PE NUMBER AND TITLE O708611F Support Systems Development O208611F Support Systems Development DATE February 2004 PROJECT NUMBER AND TITLE 5042 Log Application Logisitics Integration (LALI)

### Exhibit R-4: Logistics Integration Schedule Profile

9 Jan. 04



Major Event or Milestone

Planned Ongoing Activity

Ongoing Activity that is Complete

Completed Event

 $\Delta$  Planned Task(s)

Project 5042

R-1 Shopping List - Item No. 221-22 of 221-27

Exhibit R-4 (PE 0708611F)

_ASSIFIED le Detail	DATE February 2004			
PE NUMBER AND TITLE 0708611F Support Systems Development	PROJECT NUMBER AND T 5042 Log Application Integration (LALI)			
FY 2003	<u>FY 2004</u>	FY 2005		
1Q				
	2Q	1-4 <b>Q</b>		
		3Q		
	3Q			
		1-4Q		
4Q	2.40	1.40		
	_	1-4 <b>Q</b> 1-4 <b>Q</b>		
	PE NUMBER AND TITLE 0708611F Support Systems Development  FY 2003	PE NUMBER AND TITLE 0708611F Support Systems Development  PY 2003 1Q 1Q 1Q 2Q 3Q 2Q 3Q 4Q PROJECT NUMBER AND T 5042 Log Application Integration (LALI)		

R-1 Shopping List - Item No. 221-23 of 221-27 2026 Exhibit R-4a (PE 0708611F)

Exhibit R-2a, RDT&E Project Justification  DATE February 2004									2004	
07 Operational System Development						PROJECT NUMBER AND TITLE 5044 Log Application ILS-S (LAILS-S)				
	Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
5044	Log Application ILS-S (LAILS-S)	12.071	12.492	13.013	13.136	13.377	13.592	13.801	Continuing	TBD
	Quantity of RDT&E Articles	0	0	0	0	0	0	0		

#### (U) A. Mission Description and Budget Item Justification

The primary focus of the Log Application Integrated Logistics System - Supply (LAILS-S) is the modernization of the Standard Base Supply System (SBSS) to seamlessly integrate with other logistics systems-to provide total asset visibility, facilitate regionalization, and enable the war fighter to control, order, receive, and exploit materiel in a cheaper and more efficient manner.

This program is in Budget Activity 7, Operational System Development, because projects are being engineered to support operational weapon systems already in existence.

(U) B. Accomplishments/Planned Program (\$ in Millions)	FY 2003	FY 2004	FY 2005
(U) Accomplishments/Planned Program			
(U) Logistics Business Area Integration	1.103	0.885	0.925
(U) Component Development	5.908	4.338	6.000
(U) Acquisition & Integration Support (Logistics Requirements Analysis)	0.603	1.617	0.465
(U) System Program Office (SPO) Operations (Labor, Management Support)	3.476	1.779	2.506
(U) Enterprise Resource Planning (ERP) Solution	0.981	3.873	3.117
(U) Total Cost	12.071	12.492	13.013
(U) C. Other Program Funding Summary (\$ in Millions)			
<u>FY 2003</u> <u>FY 2004</u> <u>FY 2005</u> <u>FY 2006</u> <u>FY 2007</u>	FY 2008 FY 2009	Cost to	Total Cost

**Estimate** 

**Estimate** 

**Estimate** 

**Estimate** 

**Estimate** 

Complete

#### (U) None

#### (U) D. Acquisition Strategy

All major contracts awarded after full and open competition.

**Actual** 

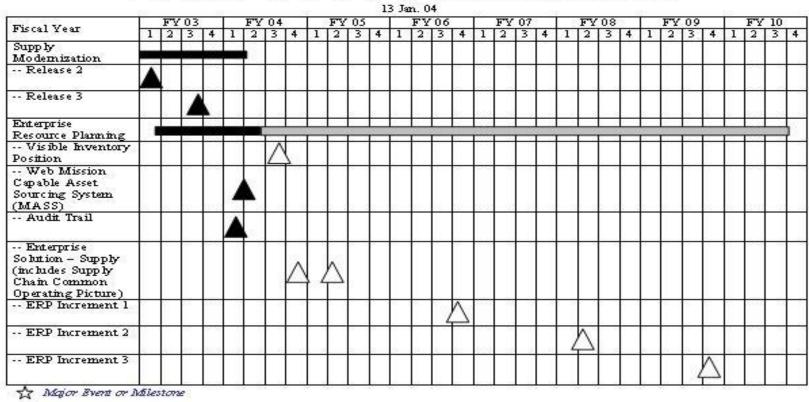
**Estimate** 

Project 5044 R-1 Shopping List - Item No. 221-24 of 221-27 Exhibit R-2a (PE 0708611F)

E	Exhibit R-3, RD	T&E Project Cost	Analysis	5		I	DATE <b>Februa</b> i	ry 200	14
BUDGET ACTIVITY  07 Operational System Development				ER AND TITLE  F Support Sys  ment	tems		NUMBER AND TITE  g Application IL		_AILS-S)
(U) Cost Categories	Contract Method	Performing Activity &	<u>Total</u>	<u>FY</u> <u>FY</u>	<u>FY</u> <u>FY</u>	<u>FY</u>	FY Cost to	<u>Total</u>	<u>Target</u>
(Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>&amp; Type</u>	<u>Location</u>	Prior to FY 2003 Cost	2003 2003 Cost Award Date	2004 2004 Cost Award Date	Cost A	2005 Complete ward Date	Cost	Value of Contract
(U) <u>Product Development</u>									
Logistics Business Area Integration		Lockheed Martin, Montgomery, AL	0.000	1.103 Aug-03	0.885 Jan-04	0.925 Jan	n-05 Continuing	TBD	TBD
Component Development	C/CPAF	Keane Federal System, McLean, VA	0.000	5.908 Feb-03	4.338 Mar-04	6.000 Ma	ar-05 Continuing	TBD	TBD
ERP Solution								0.000	
- Planning & Analysis Study	C/FP	Bearing Point, Mclean, VA	0.000	0.500 Jan-03			Continuing	TBD	TBD
- Planning & Analysis Study	MIPR	MSG, Wright Patterson AFB, OH	0.000	0.481 Dec-02			Continuing	TBD	TBD
- ERP Task Order	C/CPAF	Keane Federal System, McLean, VA			3.873 Mar-04	3.117 Ma	ar-05 Continuing	TBD	TBD
Subtotal Product Development Remarks:			0.000	7.992	9.096	10.042	Continuing	TBD	TBD
(U) <u>Support</u>									
Acquisition & Integration Contract	C/FP	Support Contractors							
Support		(DSD, MCR, Sumaria Systems, etc.), Montgomery, AL	0.000	0.603 Jan-03	1.617 Jan-04	0.465 Jan	n-05 Continuing	TBD	TBD
Subtotal Support		Montgomery, 712	0.000	0.603	1.617	0.465	Continuing	TBD	TBD
Remarks:			0.000	0.002	1.01,	01.00	commung	122	122
(U) Management									
SPO Operations	MIPR	Standard Systems							
		Group, Maxwell AFB-Gunter Annex, AL	0.000	3.476 Oct-02	1.779 Oct-03	2.506 Oc	ct-04 Continuing	TBD	TBD
Subtotal Management			0.000	3.476	1.779	2.506	Continuing	TBD	TBD
Remarks:									
(U) Total Cost			0.000	12.071	12.492	13.013	Continuing	TBD	TBD
Project 5044	Project 5044 R-1 Shopping List - Item No. 221-25 of 221-27 Exhibit R-3 (PE 0708611F)						'08611F)		

# Exhibit R-4, RDT&E Schedule Profile BUDGET ACTIVITY O7 Operational System Development PE NUMBER AND TITLE O708611F Support Systems Development O708611F Support Systems Development DATE February 2004 PROJECT NUMBER AND TITLE 5044 Log Application ILS-S (LAILS-S)

### Exhibit R-4: ILS-S Schedule Profile



Major Event or Milestone

Planned Ongoing Activity
Ongoing Activity that is Complete

Completed Event

Planned Task(s)

Project 5044

R-1 Shopping List - Item No. 221-26 of 221-27

Exhibit R-4 (PE 0708611F)

UNCLASSIFIED								
Exhibit R-4a, RDT&		DATE February 2004						
BUDGET ACTIVITY  07 Operational System Development	PE NUMBER AND TITLE 0708611F Support Systems Development	PROJECT NUMBER AND TIT 5044 Log Application I						
(U) Schedule Profile (U) Supply Modernization (U)Release 2 (U)Release 3	<u>FY 2003</u> 1-4Q 1Q 3Q	<u>FY 2004</u> 1Q	FY 2005					
(U) Enterprise Resource Planning (U) Visible Inventory Position (U) Web Mission Capable Asset Sourcing System (U) Audit Trail	1-4Q	1-4Q 3Q 1-2Q 1Q	1-4Q					
(U) Enterprise Solution-Supply		4Q	2Q					

Exhibit R-4a (PE 0708611F)